

10168300 TAILRACE AT STAIRS PLANT NEAR SALT LAKE CITY, UT

LOCATION.--Lat 40°37'26", long 111°45'05", in NW¹/₄SE¹/₄SW¹/₄ sec. 20, T. 2 S., R. 2 E., Salt Lake County, Hydrologic Unit 16020204 on left bank at Stairs plant, 14 mi southeast of Salt Lake City.

DRAINAGE AREA.--49.2 mi².

PERIOD OF RECORD.--January 1925 to current year. Prior to 1986, not published, records available from Utah Power & Light Co.

GAGE.--Water-stage recorder. Elevation of gage is 5,460 ft above sea level, from topographic map.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--12 years, 25.5 ft³/_s, 18,470 acre-ft/yr.

COOPERATION.--Records collected by Utah Power & Light Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 78 ft³/_s July 1, 1954; no flow many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	25	e26	12	20	19	42	52	50	36	49	46
2	25	24	e25	17	21	20	40	51	50	41	50	44
3	24	25	e14	32	21	19	39	48	50	48	50	44
4	25	25	e20	28	20	19	40	50	48	48	50	45
5	25	26	e13	25	20	19	40	52	54	44	50	43
6	24	25	e24	14	20	20	38	52	54	40	48	43
7	25	24	e22	13	17	20	38	52	53	40	47	43
8	25	25	e24	24	19	21	38	51	53	41	50	43
9	24	25	e27	23	19	20	34	51	53	41	50	42
10	24	25	e31	24	19	21	36	51	54	41	50	42
11	24	25	e29	22	19	23	35	51	56	42	48	26
12	23	24	e25	23	20	26	34	51	24	44	50	44
13	23	24	e26	22	20	29	32	51	1.6	44	47	43
14	24	24	e25	22	20	28	32	51	1.8	44	50	42
15	24	24	e12	21	20	26	32	50	1.6	42	50	42
16	25	24	e24	17	20	26	35	46	1.5	40	50	43
17	24	24	e14	20	20	29	44	25	1.5	39	48	43
18	24	25	e13	20	20	29	48	24	1.8	39	44	43
19	26	26	e23	20	20	32	52	41	1.3	40	43	49
20	25	26	e22	20	22	43	52	36	1.3	39	43	49
21	25	26	e22	21	19	51	52	41	1.7	41	47	46
22	25	30	e22	21	19	50	52	44	1.3	41	49	46
23	25	39	e21	21	20	47	53	45	1.3	41	49	46
24	25	e31	e22	20	19	50	50	46	1.1	41	50	45
25	26	e28	e21	21	19	49	53	42	.19	41	50	44
26	26	e27	e21	21	20	48	52	42	.18	40	50	46
27	26	e24	e22	21	20	49	52	41	.17	40	48	41
28	27	e27	e21	20	20	45	52	44	.17	41	47	38
29	27	e27	e22	20	---	44	52	48	.16	45	47	35
30	27	e25	e22	20	---	42	52	48	2.4	49	49	34
31	26	---	e23	20	---	44	---	48	---	49	48	---
TOTAL	773	779	678	645	553	1008	1301	1425	620.07	1302	1501	1280
MEAN	24.9	26.0	21.9	20.8	19.8	32.5	43.4	46.0	20.7	42.0	48.4	42.7
MAX	27	39	31	32	22	51	53	52	56	49	50	49
MIN	23	24	12	12	17	19	32	24	.16	36	43	26
AC-FT	1530	1550	1340	1280	1100	2000	2580	2830	1230	2580	2980	2540

CAL YR 1996 TOTAL 10171.10 MEAN 27.8 MAX 46 MIN .30 AC-FT 20170
WTR YR 1997 TOTAL 11865.07 MEAN 32.5 MAX 56 MIN .16 AC-FT 23530

e Estimated